

02/06/02  
J-843 U.S. PTO

02-11-02

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Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390P7480D  
(maximum 12 characters)

J1050 U.S. PTO  
02/06/02

First Named Inventor Jun-Fei Zheng et al.

Title: WORK FUNCTION TUNING FOR MOSFET GATE ELECTRODES

Express Mail Label No. EL 821 774 555 US

ADDRESS TO: **Assistant Commissioner for Patents**  
**Box Patent Application**  
**Washington, D. C. 20231**

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original, and a duplicate for fee processing)
2.  **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3.  **Specification (Total Pages 21)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  **Drawings(s) (35 USC 113) (Total Sheets 4)**
5.  **Oath or Declaration (Total Pages 5)**
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
    - c.  Unsigned.
6.  **Application Data Sheet. (37 CFR 1.76)**
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & documents(s))  
10.  Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
 b. Power of Attorney  
11.  English Translation Document (if applicable)  
12.  a. Information Disclosure Statement (IDS)/PTO-1449  
 b. Copies of IDS Citations  
13.  Preliminary Amendment  
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16.  Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
17.  Other: Express Mail Certificate of Mailing

### 18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP)  
Of Prior Application No.: 09/451,696 Examiner Le, D. Group Art Unit 2818  
(which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_,  
which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.**

**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that \_\_\_\_\_ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. \_\_\_\_\_ Frame No. \_\_\_\_\_ (or a copy of which is attached).

### 19. Correspondence Address

Customer Number or Bar Code Label \_\_\_\_\_  
or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)

Correspondence Address Below

NAME Michael A. Bernadicou

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

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Name (PRINT/TYPE): Michael A. Bernadicou Registration No.: 35,934  
Signature: Michael A. Bernadicou Date: 2/6/02



**FEE CALCULATION (continued)**
**3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>	<u>Fee Paid</u>
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for ex parte reexamination	_____
099	8,800	099	8,800	Request for inter parties reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for reply within first month	_____
116	400	216	200	Extension for reply within second month	_____
117	920	217	460	Extension for reply within third month	_____
118	1,440	218	720	Extension for reply within fourth month	_____
128	1,960	228	980	Extension for reply within fifth month	_____
119	320	219	160	Notice of Appeal	_____
120	320	220	160	Filing a brief in support of an appeal	_____
121	280	221	140	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive - unavoidable	_____
141	1,280	241	640	Petition to revive - unintentional	_____
142	1,280	242	640	Utility issue fee (or reissue)	_____
143	460	243	230	Design issue fee	_____
144	620	244	310	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Processing fee under 37 CFR 1.17(q)	_____
126	180	126	180	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	740	246	370	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
148	110	248	55	Statutory Disclaimer	_____
149	740	249	370	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
179	740	279	370	Request for Continued Examination (RCE)	_____
169	900	169	900	Request for expedited examination of a design application	_____
195	300	195	300	Publication fee for early, voluntary, or normal pub.	_____
196	300	196	300	Publication fee for republication	_____
194	130	194	130	Request for voluntary publication or republication	_____
098	130	098	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	_____
091	1,280	091	1,280	Acceptance of unintentionally delayed claim for priority	_____

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ 0.00**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Michael A. Bernadicou

 Signature: Michael A. Bernadicou Date: 2/6/02

 Reg. Number: 35,934 Telephone Number: (408) 720-8300

## EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL821774555US  
Date of Deposit: February 6, 2002

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Teresa Edwards

(Typed or printed name of person mailing paper or fee)

Teresa Edwards

(Signature of person mailing paper or fee)

February 6, 2002

(Date signed)

Serial/Patent No.: Not yet assigned Filing/Issue Date: Herewith  
Client: Intel Corporation  
Title: WORK FUNCTION TUNING FOR MOSFET GATE ELECTRODES

BSTZ File No.: 042390P7480D Atty/Secty Initials: MAB/EM/te  
Date Mailed: February 6, 2002 Docket Due Date: \_\_\_\_\_  
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (\_\_\_\_ pgs)  
 Appeal Brief (\_\_\_\_ pgs.) (in triplicate)  
 Application - Utility (\_\_\_\_ pgs., with cover and abstract)  
 Application - Rule 153(b) Continuation (\_\_\_\_ pgs)  
 Application - Rule 153(b) Divisional (21 pgs)  
 Application - Rule 153(b) CIP (\_\_\_\_ pgs)  
 Application - Rule 153(d) CPA Transmittal (\_\_\_\_ pgs)  
 Application - Design (\_\_\_\_ pgs)  
 Application - PCT (\_\_\_\_ pgs)  
 Application - Provisional (\_\_\_\_ pgs)  
 Assignment and Cover Sheet  
 Certificate of Mailing  
 Declaration & POA (5 pgs)  
 Disclosure Docs & Org & Cpy of Inventor's Signed Letter (\_\_\_\_ pgs)  
 Drawings, 5 # of sheets includes 8 figures  
 Other: Submission of Formal Drawings; Copies of Cited Art; copy of Specification, Figures and DPOA as originally submitted on November 30, 1999, Express Certificate of Mailing

Express Mail No: EL821774555US  Check No: \$740.00  
 \_\_\_\_\_ Month(s) Extension of Time Amt: \$740.00  
 Information Disclosure Statement & PTO 1440 (4 pgs)  Check No: \_\_\_\_\_  
 Issue Fee Transmittal Amt: \_\_\_\_\_  
 Notice of Appeal  
 Petition for Extension of Time  
 Petition for \_\_\_\_\_  
 Postcard  
 Power of Attorney (5 pgs)  
 Preliminary Amendment (2 pgs)  
 Reply Brief (\_\_\_\_ pgs)  
 Response to Notice of Missing Parts  
 Small Entity Declaration for Indep Inventor/Small Business  
 Transmittal Letter, in duplicate  
 Fee Transmittal, in duplicate

EL821774555US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jun-Fei Zheng et al.

Serial No.: Not yet assigned

Filed: Herewith

For: WORK FUNCTION TUNING FOR  
MOSFET GATE ELECTRODES

)  
) Examiner: Not yet assigned  
)  
) Art Unit: Not yet assigned  
)  
)  
)  
) Express Mail" mailing label number: EL82177455505  
Date of Deposit: February 6, 2002  
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I hereby certify that I am causing this paper or fee to be  
deposited with the United States Postal Service "Express Mail Post  
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TERESA EDWARDS  
(Typed or printed name of person mailing paper or fee)  
Teresa Edwards  
(Signature of person mailing paper or fee)  
February 6, 2002  
(Date signed)

Assistant Commissioner for Patents  
and Trademarks  
Washington, D.C. 20231FORMAL DRAWINGS SUBMISSION

Enclosed herewith for submission in the United States Patent and Trademark  
Office are five (5) sheets of formal drawings for the patent application referenced above.  
If there are any further charges please charge them to Deposit Account No. 02-  
2666. A duplicate of this sheet is enclosed for that purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR &amp; ZAFMAN LLP

Dated: 2/6, 2002

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